TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

## HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 2 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in glass expressly for Ridge and Furrow Roofs, giving a span of from 8 to 12 feet, at a price not exceeding weight for weight that of common Crown Glass. Not being transparent, blinds are unnecessary, and when used in Greenhouses no scorching occurs; its NON-TRANSPARENCY and strength render it eminently suitable for the Glazing of Conservatories and Roofs of all kinds; also Factories, Workshops, &c., for which purposes it is supplied in squares of all sizes, from 9 by 6 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

## GLASS FOR CHURCHES, CHAPELS, SCHOOLS, &c.

HARTLEY'S PATENT QUARRY GLASS,

Of three thicknesses, in long lengths: an economical substitute for lead lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; samples of which may be seen at

JOSEPH CHATER AND SON'S, ST. DUNSTAN'S-HILL, TOWER-STREET, LONDON.

**THOMAS MILLINGTON** begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Coloured, of every description. ROUGH PLATE GLASS from ¼ inch to 1 inch thick. Glass Partition, Sliates, &c. &c. White Lead, Putty, Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Lead, Lead Pipe from ¼ inch to 4½ inches bore; Solder, Water-closets, Bibcocks, Plumbers' and Brass Work of every description, and upon the very best terms. Glass Ornament Shades. Milk-pans, Preparating and Fire Glasses.—Address C., Bishopsgate-street Without.

See Advertisement, Saturday, June 28, 1851.

**E. and W. H. JACKSON** beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, silvered and for glazing, of unrivalled quality and finish; ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest terms. Designs and estimates furnished for ornamental windows either for houses or church decoration. All applications for estimates and list of prices to be made at their warehouse, 113, OXFORD-STREET.

**CHEAP ORNAMENTAL GLASS.**—I beg to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP., and borders from SIXPENCE PER FOOT RUN. A large quantity of the cheapest patterns always in stock. Embossing and painted work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

TO BUILDERS, PLUMBERS, &c.

**JAMES MILES'S** cheap ENGLISH and FOREIGN WINDOW-GLASS WAREHOUSE, 14, Church-street, Shoreditch, near the Eastern Counties Railway Terminus. Cases of foreign sheet, various sizes, dis. 200 feet; crates of sheet, 14 to 16 oz., 3½d. per foot; good crown C.C. 18, 3½d. per cwt.; patent plate; Hartley's ROUGH PLATE; stained, ground, and ornamental glass; crown squares of every size in stock; sheet lead, pipe; patent gas-pipe; solder and plumbers' brass work of all kinds; white lead, oils, and colours, at low prices; LARGE STOCK of PAPER-HANGINGS; old lead bought in any quantity, or taken in exchange. Shades glazed and primed in oil at very low prices, in any quantity.

**BELGIAN SHEET-GLASS.**—ALFRED GESLETT begs to inform the Trade that he is prepared to supply the above Glass, of good quality, and 16 ounces to the foot, upon the following cash terms:—In single cases, containing 200 feet some inches each, 42s.; parcels of five cases, at 40s.; parcels of ten cases, at 38s. per case; or cut to any given size, at 3d. per foot.

SOHO CROWN, SHEET, ORNAMENTAL, and PLATE GLASS WAREHOUSE, 98, SOHO-SQUARE.

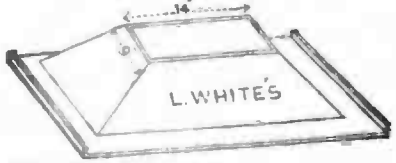
**PATENT and BRITISH PLATE GLASS.**—JAMES HETLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also, on receipt of particulars, furnish Estimates for any description of Glass now manufactured.—Patent Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 32, Bobo-square, London.

**CHEAP GLASS.**—W. HICKSON, 46, Long-acre, begs to inform Builders, &c., that he is printing and glazing new stocks in crown or sheet, any size, at 3d. per foot. Sheet glass cut to size, from 3d. to 3½d.; crown, 21d. Ground and silvered equally low. Belgian glass, in cases, from 32s. to 42s., cases included. Estimates given for any amount. Terms cash.

**GLASS TILES,** ½ of an inch thick, packed in cases containing fifty, 36 lbs. per case net.
JAS. PHILLIPS and CO., 116, Bishopsgate-street Without.

**GLASS MOSAIC.**—GEORGE HENRY STEVENS, Decorative Artist in Mosaic, begs leave to offer to the notice of the Nobility, Gentry, and Architects, specimens of the beautiful art of Glass Mosaic. Having studied working in mosaic for some years past, he is now prepared to execute panel or other decoration in geometrical patterns, also combined with the introduction of heraldic devices. G. H. S. respectfully solicits an inspection of his elegant Mosaic Tablets. The mosaic is well suited for sideboards, pier and console tables, chess tables and boards; or in the place of marble, &c., &c., in internal decoration, being composed entirely of stained glass, and embedded in a very strong cement, that renders it as durable as stone or marble. N.B.—Some of the specimens, removed from the Fine Art Court of the Great Exhibition, are now on view at the depôt, 14, Stafford-row, Buckingham-gate, Pimlico.

IMPORTANT TO BUILDERS




**REGISTERED CAST-IRON CHIMNEY-HOPPER and CHIMNEY BAR COMBINED**, ensuring a perfect formation of the Flue, and rendering smoky chimneys impossible. One trial will cause their adoption in every building. Price from 6d. each, according to size.

| | 3 in. | 3½ in. | 4 in. | 4½ in. |
|---|---|---|---|---|
| Rain-Water Pipe | 6d. | 8½d. | 1s. | 1s. 3d. per yard. |
| Eave Gutter | 6d. | 6½d. | 7½d. | |

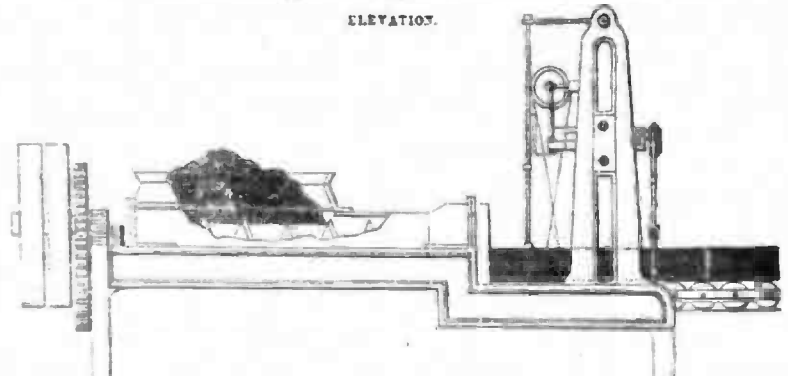
O. G. cutters, cast weights, STABLE FITTINGS, pumps, tomb railing, cattle and pig troughs and COLUMNS with caps and bases, and every kind of builders' castings in stock, at LYNCH WHITE'S Iron Wharf, Upper Ground-street, London, near Blackfriars-bridge.

## RANDELL AND SAUNDERS'S PATENT MACHINE,

FOR THE

IMPROVED MANUFACTURE OF BRICKS, TILES, & PIPES.

ELEVATION.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without cessation so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks for sewage purposes, which make a drain of much greater strength than the stoneware or redware pipes, and at far less cost.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.

When worked with two horse power, the machine will produce 1,000 bricks, or 1,500 3-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

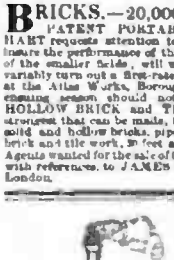
The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, when hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath.

TO BRICKMAKERS AND CONTRACTORS.

**BRICKS.**—20,000 Bricks a-day by HART'S PATENT PORTABLE BRICK-MACHINE.—JAMES HART requests attention to the above Machine, equally fitted to insure the performance of the largest contracts, and for the work of the smaller fields; will work any sort of plastic clay, and invariably turn out a first-rate article. May be seen at work daily at the Atlas Works, Borough-road, Southwark. Orders for the ensuing season should not be delayed. HART'S PATENT HOLLOW BRICK and TILE MACHINE, the simplest and strongest that can be made, to be seen at work at the same place, solid and hollow bricks, pipes, and all descriptions of ornamental brick and tile work, 20 feet a-minute of 3-inch pipe by one man. Agents wanted for the sale of the above and other Machines.—Apply, with references, to JAMES HART, Atlas Works, Borough-road, London.



**A SAVING OF TIME** and MATERIALS with solidity of building.

SAPHAN GOUGH'S PATENT PORTABLE STEAM-ENGINES of 2, 3, 4, and 6-horse power, for grinding mortar, raising building materials, driving piles, circular saws, pumps, &c., 46, Albert-street, Manchester.

TESTIMONIAL

from Charles Barry, Esq.:—

23, Great George-street, Westminster, London, Oct. 27, 1849.

Mr. Nathan Gough.

Sir,—I have, for Mr. Barry, the pleasure of replying to your request of the 4th inst., for a testimonial of the working of three steam engines you have supplied to the New Houses of Parliament at Westminster, by saying that they have fully answered the purposes for which they were required, viz., hoisting the building materials; and two of the three have been at work for some years, with very little repairs, and with considerable economy of fuel.—I am, Sir, your obedient servant,

Per pro. CHARLES BARRY,
ALFRED MEE SON.

TO CONTRACTORS, IRONFOUNDERS, AND IRONMONGERS.

**JAMES LAWRIE and CO.**, Cousin-lane, Upper Thames-street, as agents for some of the largest founders, engineers, and boat-builders in Scotland, are prepared to CONTRACT for the supply of PIPES of all kinds, and every description of CAST-IRON WORK; also for engines, iron boats, and all sorts of engineering and millwright work. J. L. and Co. have one of the largest stocks of rain-water pipe, guttering, cast weights, railing bars, &c., &c., which they sell at very low prices. Fire-bricks and fire-bricks supplied.

**WHITE SUFFOLK and RED FACING BRICKS**, of superior quality. Moulded Bricks to any pattern.

COWLEY, KENT, and ESSEX BRICKS; also Yellow and Pale Malm Seconds, Cutters, Paviors, Shippers, &c. &c.

KENTISH RAG STONE of the finest quality, and of the blue tinge so much approved by Architects, can now be supplied at a reduction in price of about 10 per cent.

Apply to Mr. BENJAMIN GOUGH, 37, Newington-crescent, Newington Butts.

TO BUILDERS, ENGINEERS, IRONMONGERS, AND OTHERS.

**FIRE BRICKS!—GREAT REDUCTION** in PRICES.—Best, Delivered from ships in the Thames at 40s. per thousand. Pattern Goods, Backs and Linings for Stoves and Fire-places, and any shapes made in Fire-clay, charged at a much lower rate than heretofore. White and Red Suffolk, and other Facing Bricks, Dutch and English Clinkers, and every description of materials of the best manufacture cheaper than any other house.—WARD and CO., Importers and Exporters, Honduras Wharf, Bankside; and Jamaica Coffee-house, Cornhill, London.

**BRICKS! BRICKS!! BRICKS!!!**—To save postages and letter writing to the numerous enquirers, L. DAVIS takes this medium to acquaint his friends that his Common Stocks and Place are all sold; he has only on hand about one million Washed, and some Paviors.

L. DAVIS is preparing for a large make this year, and is ready to treat with parties for any quantity in season at a price to be agreed, and thus prevent disappointment and uncertainty.—Pleasant-park Brick-fields, near the Royal Arsenal, Woolwich.

**BRICKS.**—H. DODD is enabled to offer his BRICKS, which are of good quality, at the following low prices; and as his fields are only a quarter of an hour's walk from the City, H. D. earnestly requests purchasers will favour him with a visit, in order to inspect his stock and to judge for themselves:—

| | | |
|---|---|---|
| Marie or others | 44s. | Per Thousand. |
| Yellow seconds | 35s. | " |
| Pale seconds | 30s. | " |
| Paviors | 46s. | " |
| Pickings | 22s. | " |

Delivered within Two miles of the fields.

Marie place, half-washed stocks, and place bricks, at equally low prices. These bricks are sound, well-burnt, and unusually free from defects; a very large proportion of the stock being suitable for external facing. Apply to HENRY DODD and Co., at the Counting-house, Hoxton Brick-fields, Grange-walk, near the Rosemary Branch, Hoxton. N.B.—Red pit sand of approved quality constantly on sale, upon reasonable terms; this sand, from its not containing any saline matter, is acknowledged to be preferable to river sand.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